

09-06-06

IFW

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

## PATENT APPLICATION

ATTORNEY DOCKET NO. 200209240-1

Inventor(s): Heon Lee et al.

Confirmation No.: 9008

Application No.: 10/769,107

Examiner: Duong, Khanh B.

Filing Date: January 30, 2004

Group Art Unit: 2822

Title: **METHOD OF FABRICATING A COMPOSITIONALLY MODULATED ELECTRODE IN A MAGNETIC  
TUNNEL JUNCTION DEVICE**

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT**

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment  
☐ New fee as calculated below  
☐ No additional fee  
☒ Other two (2) post cards

- ☐ Petition to extend time to respond  
☐ Supplemental Declaration

Fee\$

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	19	MINUS	20	= 0	X \$50	\$ 0
INDEP. CLAIMS	2	MINUS	3	= 0	X \$200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	<input type="checkbox"/> 1st Month \$120	<input type="checkbox"/> 2nd Month \$450	<input type="checkbox"/> 3rd Month \$1020	<input type="checkbox"/> 4th Month \$1590		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Express Mail Label No.: EV 889716241 US

Date of Deposit: Sept. 5, 2006

Typed Name: Mimi Nguyen

Signature: Tran Nguyen

I hereby certify that this is being deposited with the  
United States Postal Service "Express Mail Post Office  
to Addressee" service under 37 CFR 1.10 on the date  
indicated above and is addressed to:  
Commissioner for Patents, Alexandria, VA 22313-1450

Respectfully submitted,

Heon Lee et al.

By Daniel W. Roberts

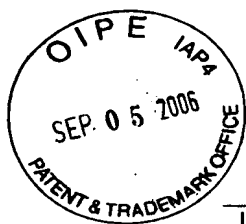
Daniel W. Roberts

Attorney/Agent for Applicant(s)

Reg No.: 52172

Date: Sept. 5, 2006

Telephone: (720) 931-3016



IN THE UNITED STATES PATENT OFFICE

In re Application of: Heon Lee et al.	)	Group No.: 2822
Serial No.: 10/769,107	)	Examiner: Duong, Khanh B.
Filed: January 30, 2004	)	Confirmation No.: 9008
For: METHOD OF FABRICATING A	)	
COMPOSITIONALLY MODULATED	)	
ELECTRODE IN A MAGNETIC	)	
TUNNEL JUNCTION DEVICE	)	

**MAIL STOP AMENDMENT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**RESPONSE TO EXAMINER'S ACTION DATED JUNE 8, 2006**

Dear Sir:

The Examiner's comments and the references cited in the Office Action mailed June 8, 2006 have been carefully considered and are addressed in the amendments and remarks provided herein as follows:

**Amendments to the Specification** begin on page 2 of this paper

**Amendments to the Claims** begin on page 3 of this paper.

**Remarks** begin on page 6 of this paper.

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By: 

Name: MiMi Nguyen